
Event Agenda

14th National Monitoring Conference

Monday, March 10, 2025

- | | |
|--------------------|--|
| 12:00 PM - 5:00 PM | Registration Opens
Location: KI Center Lower South Registration Counter |
| 12:00 PM - 5:00 PM | Exhibitor Load-in Exhibitors Only
Location: Exhibition Hall BC |
| 12:30 PM - 5:00 PM | Field Trip – The Geology and Hydrology of Eastern Wisconsin
Speaker: Tim Asplund |
| 2:00 PM - 5:00 PM | Field Trip – UW-Green Bay –Natural History Research and Local Fish, Wildlife and Water Quality Monitoring
Speaker: Tim Asplund |
| 2:30 PM - 5:00 PM | Tribal Technical Exchange: Nonpoint Source and Monitoring (Invitation Only)
Location: Meeting Room 7 |
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Tuesday, March 11, 2025

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|---------------------|---|
| 7:00 AM - 4:45 PM | Registration Open
Location: KI Center Lower South Registration Counter |
| 7:00 AM - 7:00 PM | Meditation Moment (at your leisure)
Location: Whova
Speaker: Kristen Parry |
| 7:15 AM - 8:15 AM | Breakfast in Exhibition-Service will end 8:15am sharp
Location: Exhibition Hall |
| 8:00 AM - 6:30 PM | Silent Auction Open
Location: Exhibition Hall |
| 8:30 AM - 10:00 AM | Opening Plenary
Location: Grand D & E, Whova
Speaker: Dr. Dawn Martin-Hill |
| 10:00 AM - 10:30 AM | Beverage Break
Location: Exhibition Hall |

10:30 AM - 12:00 PM

C2 - Monitoring, Assessing, and Managing Nitrate in Groundwater/Green Infrastructure in the Great Lakes: Assessment of Performance, Barriers, and Unintended Consequences

Location: Grand G
Moderator: Ken Potrykus

REGIONAL NITRATE MONITORING USING STREAM/ROAD CROSSINGS

10:35 AM - 10:55 AM
Location: Grand G
Speaker: David Hart

City Of Abbotsford Nitrate Reduction Project

10:55 AM - 11:15 AM
Location: Grand G
Speaker: Andrew Aslesen

Comparing the hydrologic and water quality performance of bioretention and high rate biofiltration at a marina in Huron, Ohio

11:15 AM - 11:35 AM
Location: Grand G
Speaker: Ryan Winston

Remote Sensing and Machine Learning for Green Stormwater Infrastructure Condition Assessment

11:35 AM - 11:55 AM
Location: Grand G
Speaker: Omar Hegazy

Evaluating Pesticide Concentration Trends in Wisconsin Groundwater using Field-Edge Monitoring, a 30-Year Story

11:55 AM - 12:00 PM
Location: Whova
Speaker: Ken Potrykus

Development of a community well monitoring network to identify nitrate trends

11:55 AM - 12:00 PM
Location: Whova
Speaker: Kevin Masarik

10:30 AM - 12:00 PM

C3 - Taking Stock: The State of Aquatic Monitoring and Assessment Science

Location: Grand F, Whova
Sessions Moderator: Charles Hawkins

A method for evaluating sediment-induced macroinvertebrate community composition changes in Idaho streams

10:35 AM - 10:55 AM
Location: Grand F
Speaker: Jason Williams

Metabarcoding Identifies Novel Biological Indicators of Ocean Acidification in the Southern California Bight

10:55 AM - 11:15 AM
Location: Grand F
Speaker: Ashton Bandy

Putting the Pieces Together: Updates on Collaborative Research and Tools Being Developed in the Eastern, Midwestern and Northwestern US to Further Regional Analyses of Stream Macroinvertebrate Data

11:15 AM - 11:35 AM
Location: Grand F, Whova
Speakers: Erik Leppo, Jen Stamp

10:30 AM - 12:15 PM

C4 - How Do We Make Volunteer Monitoring More Accessible?

Location: Grand A, Whova
Sessions Moderator: Liz McQuain

Safe Water Together Glynn County - Science by the Community for the Community

10:35 AM - 10:55 AM
Location: Grand A, Whova
Speaker: Luke Roberson

Connecting Communities to Accessible Water Monitoring

10:55 AM - 11:15 AM
Location: Grand A
Speaker: Matthew Kierce

Monitoring Water Quality in Rural and Agricultural Communities through Citizen Science: Expanding Engagement and Communication

11:35 AM - 11:55 AM
Location: Grand A
Speaker: Meredith Sutton

10:30 AM - 12:00 PM

C5 - Reaching Across the USA - Stories from Regional Coastal Monitoring

Location: Grand B, Whova

Speaker: Edward Sherwood

Southern California Bight Regional Monitoring: a Long-Term Monitoring Program Evolving with New Management Needs

10:35 AM - 10:55 AM

Location: Grand B

Speaker: Kenneth Schiff

Establishing an Integrated Monitoring Network for the Albemarle-Pamlico Estuarine System (North Carolina & Virginia)

10:55 AM - 11:15 AM

Location: Grand B, Whova

Speaker: Dean Carpenter

Long Island Sound Regional Monitoring for Future Solutions

11:15 AM - 11:35 AM

Location: Grand B

Speaker: James Ammerman

Gulf of Mexico Alliance's, a Regional Ocean Partnership, data sharing experiences, best practices, and challenges

11:55 AM - 12:00 PM

Location: Poster Reference Number 1

Speaker: Katie Wallace

Measuring the impact of successful nitrogen management on the seasonal and spatial extent of hypoxia in Long Island Sound

11:55 AM - 12:00 PM

Location: Whova

Speaker: James Hagy

10:30 AM - 12:00 PM

C6 - Advanced Statistical Methods Applied to Monitoring Data

Location: Grand C

Sessions Moderator: Victoria Chraibi

Data - Efficient Stream Nutrient Modeling : An Application of Data - driven Sparse Sensing

10:35 AM - 10:55 AM

Location: Grand C

Speaker: Wasif Bin Mamoon

Remote sensing of invasive plant species in urban stormwater infrastructure with machine learning

10:55 AM - 11:15 AM

Location: Grand C

Speaker: Abhiram Pamula

Short-term Forecasting of Western Lake Erie Harmful Algal Bloom Toxicity Using Long-Term Monitoring Data

11:15 AM - 11:35 AM

Location: Grand C

Speaker: Song Qian

Evaluating and Communicating Trends in Lake Trophic Status with R and Shiny

11:55 AM - 12:00 PM

Location: Whova

Speaker: Justin Chenevert

Using Water Quality Data to Predict Quagga Veligers in Lake Mead: An Application of Machine Learning

11:55 AM - 12:00 PM

Location: Whova

Speaker: Carissa Wilkerson

Estimating Chlorophyll in United States Lakes Using Sentinel-2

11:55 AM - 12:00 PM

Location: Poster Reference Number 2

Speaker: Dylan Friel

Going Against the Flow: Predicting Stream Flow for Watersheds with Spatial Feature Engineering and Machine Learning Pipelines

11:55 AM - 12:00 PM

Location: Poster Reference Number 3

Speaker: Philip Griffith

10:30 AM - 12:00 PM

C7 - Monitoring to measure agricultural conservation effectiveness

Location: Ballroom A3 & A4, Whova

Panel Moderator: Laura Naslund, Jana Compton ; Speakers: Adena Rissman, Gary Shenk, Daren Harmel, Candice Hopkins ; In Person Session Host: Marc Peipoch

10:30 AM - 12:00 PM

C8 - White River RAFTing: an advanced volunteer sampling program and targeted outreach strategy

Location: Auditorium (East Conf Ct)

Speaker: London Heist ; Workshop Host: Kelly Brown

12:15 PM - 1:30 PM

Buffet Lunch

Location: Exhibition Hall

1:30 PM - 3:00 PM

Networking Sessions

Location: See group assignment on name tag and app for your topic location-see attached documents for room table number locations,

3:00 PM - 3:30 PM

Beverage Break

Location: Exhibition Hall

3:30 PM - 5:00 PM

D2 - Implementing Protection: Monitoring and Assessment As Local Strategies to Protect Healthy Watersheds & High-Quality Waters

Location: Grand G, Whova

Sessions Moderator: Aaron Marti

Sustaining WATER: CCU's Watershed Advisory Taskforce for Education & Research

3:35 PM - 3:55 PM

Location: Grand G

Speaker: Victoria Green

Comprehensive Aquatic Ecosystem Monitoring to Inform Decision Making for Lake Management and Permitting at a Catchment Scale: An Example From a High-Quality Northern Wisconsin Lake

3:55 PM - 4:15 PM

Location: Grand G

Speaker: Scott Van Egeren

Hiding in Plain Sight? Lessons Learned From A Monitoring Pilot to Identify/Verify High-Quality Waters Within Healthy (But Unmonitored) Watersheds of Northern Wisconsin

4:15 PM - 4:35 PM

Location: Grand G

Speaker: Aaron Marti

Assessment of Nonpoint Source Inputs and Impacts to Water Quality In a Catchment of the Waccamaw National Wildlife Refuge

4:55 PM - 5:00 PM

Location: Poster Reference Number 4

Speaker: Courtnie Caruso

Restoring Water Quality: Guam EPA's Impaired Waters Monitoring Program

4:55 PM - 5:00 PM

Location: Poster Reference Number 24

Speaker: Gabriella Prelosky

Great Lakes Restoration Initiative Grants Documented Most Achievements, but the EPA Could Improve Management, Monitoring, and Reporting

4:55 PM - 5:00 PM

Location: Whova

Speaker: Danielle Tesch

3:30 PM - 5:00 PM

D3 - Vadose Zone Monitoring for Groundwater Quality Protection

Location: Grand F

Sessions Moderator: Isaya Kisekka

Measurement of nitrate and chloride leaching from an irrigated potato-vegetable rotation

3:35 PM - 3:55 PM

Location: Grand F

Speaker: Kevin Masarik

Assessing the effectiveness of conservation practices in mitigating nitrate leaching to groundwater in the Central Valley of California

3:55 PM - 4:15 PM

Location: Grand F

Speaker: Felix Ogunmokun

Groundwater protection and agricultural development – The conflict and challenges

4:15 PM - 4:35 PM

Location: Grand F

Speaker: Ofer Dahan

Investigating per- and polyfluoroalkyl substances leaching mitigation potential of biochar through undisturbed soil columns

4:35 PM - 4:55 PM

Location: Grand F

Speaker: Stephan Gunn

3:30 PM - 5:00 PM

D4 - Using Monitoring Data to Evaluate Innovative Urban Stormwater BMP Performance

Location: Grand A, Whova

Sessions Moderator: Emily Resseger, Sarah Wein

Iron-enhanced sand filter monitoring, pollutant removal, and performance in three urban stormwater ponds

3:35 PM - 3:55 PM

Location: Grand A

Speaker: Elizabeth Frödén

Mapleview Street Green Streets: A case study highlighting innovations and challenges implementing and evaluating a multi-benefit green infrastructure project.

3:55 PM - 4:15 PM

Location: Grand A

Speakers: Jeremy Burns, Brenda Stevens

Monitoring Methodology for Underground Stormwater Infiltration BMPs

4:15 PM - 4:35 PM

Location: Grand A

Speaker: Marta Wichman

Hydrologic and water quality performance of an infiltrating constructed stormwater treatment wetland at an industrial marina in Superior, Wisconsin, United States

4:35 PM - 4:55 PM

Location: Grand A

Speaker: Ryan Winston

Performance Assessment of Stormwater BMPs in Mitigating Urban River Pollution During the 2024 Paris Olympics

4:55 PM - 5:00 PM

Location: Whova

Speaker: Dan Angelescu

Monitoring Frequency of Orthophosphate Through a Constructed Stormwater Wetland

4:55 PM - 5:00 PM

Location: Poster Reference Number 5

Speaker: Bridget Wadzuk

The fastest biofiltration system in the west! The evaluation and verification of a high-flow biofiltration system under the Washington State Department of Ecology's Technology Assessment Protocol – Ecology (TAPE).

4:55 PM - 5:00 PM

Location: Poster Reference Number 6

Speaker: Gretchen Tellessen

3:30 PM - 5:00 PM

D5 - Reaching Across the USA – Stories from Regional Coastal Monitoring, Continued

Location: Grand B, Whova

Speaker: Kenneth Schiff

Adaptively Managing the Tampa Bay Estuary through Long-Term Regional Monitoring Programs, Despite Recent Perturbations and Challenges

3:35 PM - 3:55 PM

Location: Grand B

Speaker: Edward Sherwood

Development and results of a novel coastal adaptation report card

3:55 PM - 4:15 PM

Location: Grand B

Speaker: Katie May Laumann

Monitoring to management: Stories from the National Estuarine Research Reserves' System-Wide Monitoring Program

4:15 PM - 4:35 PM

Location: Grand B

Speaker: Kim Cressman

3:30 PM - 5:00 PM

D6 - Open Source Approaches to Performing Clean Water Act Assessments

Location: Grand C, Whova
Moderator: Jim Dorsch

Tools for Automated Data Analysis (TADA): Data Discovery, Harmonization, and Geospatial Functions

3:35 PM - 3:55 PM
Location: Grand C
Speakers: Hillary Marler, Kenny Wong

Tools for Automated Data Analysis (TADA): Water Quality Standards Criteria Integration

3:55 PM - 4:15 PM
Location: Grand C, Whova
Speaker: Kenny Wong

Creating an Automated and Interactive Data Analysis Tool for Statewide Water Quality Assessment

4:15 PM - 4:35 PM
Location: Grand C
Speaker: Erik Leppo

Updating Bioassessment Tools – Visualizing the New Genus Level Multi-Metric Index in Virginia using Quarto and the All Subsets Regression Technique

4:35 PM - 4:55 PM
Location: Grand C
Speaker: Kansas Keeton

Tools for Automated Data Analysis (TADA): Data Discovery, Harmonization, and Geospatial Functions

4:55 PM - 5:00 PM
Location: Whova
Speaker: Hillary Marler

3:30 PM - 5:00 PM

D7 - Navigating the Microplastics Crisis: Monitoring and Mitigating

Location: Ballroom A3 & A4, Whova
Speakers: Win Cowger, Lisa Erdle, Marcus Eriksen ; Sessions Moderator: Wendy Kerner

5:00 PM - 6:30 PM

Exhibitor Reception

Location: Exhibition Hall

Wednesday, March 12, 2025

7:00 AM - 8:30 AM

Breakfast

Location: Exhibition Hall

7:00 AM - 4:00 PM

Silent Auction Open

Location: Exhibition Hall

7:00 AM - 4:45 PM

Registration

Location: KI Center Lower South Registration Counter

7:00 AM - 11:59 PM

Movement Meditation (at your leisure)

Location: Whova
Speaker: Kristen Parry

8:30 AM - 10:00 AM

E1 - Water Quality Assessments Using 'Omics Tools

Location: Grand H, Whova

Sessions Moderator: Martha Clark Mettler

Sensitivity and Specificity of Microbial Source Tracking Markers in Northern Lower Michigan

8:35 AM - 8:55 AM

Location: Grand H, Whova

Speaker: Maggie Petersen

Antibiotic resistance and microbial source tracking markers: co-occurrence and distribution near CAFO farms in Michigan

8:55 AM - 9:15 AM

Location: Grand H

Speaker: Yuwei Kong

Standardized eDNA Monitoring in the National Estuarine Research Reserve Systems (NERRS), USA

9:15 AM - 9:35 AM

Location: Grand H

Speaker: Alison Watts

Catching Fish in a Bottle: Using an eDNA approach to characterize fish profiles in aquatic habitats in two Northern Gulf of Mexico estuaries

9:55 AM - 10:00 AM

Location: Whova

Speaker: Linda Harwell

Using DNA-based methodology to improve efficiency for detecting and eliminating illicit discharge through stormwater in Wisconsin communities

9:55 AM - 10:00 AM

Location: Poster Reference Number 7

Speaker: Melissa Schussman

GEO AQUA WATCH

9:55 AM - 10:00 AM

Location: Poster Reference Number 8

Speaker: Kwaku Forkuo Nyantakyi

8:30 AM - 10:00 AM

E2 - Microorganisms of Global Concern

Location: Grand G, Whova

Moderator: Jim Dorsch

Source-tracking health risk from waterborne human and zoonotic pathogens during recreational water use

8:35 AM - 8:55 AM

Location: Grand G

Speaker: Tucker Burch

Monitoring Antibiotic Resistance in Waterways Impacted by CAFO Runoff Outside of Green Bay, Wisconsin

8:55 AM - 9:15 AM

Location: Grand G

Speaker: Katie Osborn

Microbial pollutant source-tracking for recreational waters using a curated long-read sequence library

9:55 AM - 10:00 AM

Location: Poster Reference Number 12

Speaker: Julia Zimmer

8:30 AM - 10:00 AM

E3 - Leveraging Water Quality Monitoring as a Tool to Increase Involvement of Underserved Communities

Location: Grand F, Whova
Sessions Moderator: Veronica Tangiri

Community-Driven Water Quality Monitoring in Mission Bay, San Diego: Addressing Urban Challenges Through Citizen Science

8:35 AM - 8:55 AM
Location: Grand F
Speaker: Lesly Gallegos-Stearns

Opportunities For Everyone: Hands, Hearts, and Minds Mapping Arizona's Streams

8:55 AM - 9:15 AM
Location: Grand F
Speaker: Audrey Ridge

Empowering Communities: Colorado's PFAS Testing and Assistance Program (TAP) for Private Well Users

9:15 AM - 9:35 AM
Location: Grand F
Speakers: Meghan Williams, Kelsey Schreiber

Using Demographic Surveying to Inform Volunteer Water Quality Monitoring Programs

9:35 AM - 9:55 AM
Location: Grand F
Speaker: Sophie Stern

Point of Use Filters (POU) for Equitable Drinking Water Monitoring, Trusted Tap

9:55 AM - 10:00 AM
Location: Whova
Speaker: John Scott

Evaluating Environmental Justice Considerations in TMDL Prioritization

9:55 AM - 10:00 AM
Location: Poster Reference Number 9
Speaker: Mackenzie Moore

8:30 AM - 10:00 AM

E4 - Strategic Approaches for Nonpoint Source BMP Effectiveness Monitoring

Location: Grand A
Moderator: Marzi Azarderakhsh

Implementation-Scale Watershed Monitoring to Evaluate Best Management Practices

8:35 AM - 8:55 AM
Location: Grand A, Whova
Speaker: Melissa Harrison

A Pilot: Establishing Effectiveness Monitoring in Minnesota's 319 Watersheds

8:55 AM - 9:15 AM
Location: Grand A, Whova
Speakers: Benjamin Lundeen, Jenny Jaspersen

Monitoring hydrology and soil health following Eastern Red Cedar eradication: Can local changes lead to watershed-scale improvements?

9:15 AM - 9:35 AM
Location: Grand A
Speaker: Jason Ramming

Watershed scale restoration targeting hydrologic regime alteration and improved stream ecosystem resiliency to climate change

9:35 AM - 9:55 AM
Location: Grand A
Speaker: Marc Peipoch

Lessons and Strategies Learned from New Hampshire Chloride Monitoring Programs

9:55 AM - 10:00 AM
Location: Whova
Speaker: Ted Walsh

Drivers for Load Changes in the Chesapeake Bay watershed: Differentiating Management Practice Effects from Land Use and Nutrient Application Changes

9:55 AM - 10:00 AM
Location: Whova
Speaker: Olivia Devereux

Rapid Bioassay Screening Methods to Evaluate Water Quality Improvements from Street Sweeping

9:55 AM - 10:00 AM
Location: Whova
Speaker: Alvina Mehinto

USDA Forest Service's National BMP Program: Implementation, Monitoring Results, and Adaptive Management

9:55 AM - 10:00 AM
Location: Poster Reference Number 11
Speaker: Jillian Allison

8:30 AM - 10:00 AM

E5 - Surface Water Contamination and Potential Risks for Human and Aquatic Life

Location: Grand B, Whova

Moderator: Shawn Giblin

Leveraging community partners to assess human health risks following natural disasters, insights from Lāhainā , Maui

8:35 AM - 8:55 AM

Location: Grand B

Speaker: Mara Dias

Salt Watch: A Volunteer Approach to Protecting the Environment and Drinking Water from Road Salt Pollution

8:55 AM - 9:15 AM

Location: Grand B

Speaker: Abby Hileman

Assessing PFAS in the Lake Michigan food web along the Wisconsin Coast

9:15 AM - 9:35 AM

Location: Grand B, Whova

Speaker: Rae-Ann Eifert

Microbial Water Quality Impacts from People Experiencing Homelessness in an Urban Watershed

9:55 AM - 10:00 AM

Location: Whova

Speaker: Kenneth Schiff

Passive Water Sampling for PFAS in Pennsylvania

9:55 AM - 10:00 AM

Location: Whova

Speaker: Amy Williams

An Assessment of Per- and Polyfluoroalkyl Substances (PFAS) in Great Lakes Fish

9:55 AM - 10:00 AM

Location: Whova

Speaker: John Healey

8:30 AM - 10:00 AM

E6 - You Have Data, Now What? Getting to Action to Address Wide-Spread Water Quality Issues (Regional, National)

Location: Grand C, Whova

Moderator: Tom Heatherly

The Surfrider Foundation's Blue Water Task Force: Empowering Communities to Protect Water Quality and Drive Policy Decisions

8:35 AM - 8:55 AM

Location: Grand C, Whova

Speaker: Jaime LeDuc

Data to Action: Developing a Chloride and TDS Total Maximum Daily Load in New Jersey

8:55 AM - 9:15 AM

Location: Grand C, Whova

Speaker: Deborah Kratzer

Bacterial monitoring to support community paddling in Philadelphia and Camden

9:15 AM - 9:35 AM

Location: Grand C

Speaker: Prem Trivedi

Leveraging private well test program data for public education and groundwater quality characterization

9:55 AM - 10:00 AM

Location: Poster Reference 28

Speaker: Adam Sigler

8:30 AM - 10:00 AM

E7 - Real-Time Decision Making and Use of Remote/Continuous Monitors for HAB Management

Location: Ballroom A3 & A4, Whova

Speakers: Jessica Cicale, Bridgett Seegers, Mathew Titus, Tyler Arnold, Lauren Wienrich, Reagan Errera ; Sessions

Moderator: Pamela Reilly, Kyle Clonan

10:00 AM - 10:30 AM

Beverage Break

Location: Exhibition Hall

10:30 AM - 12:00 PM

F1 - Harmful Algal Bloom Method Development and Application

Location: Grand H, Whova

Moderator: Tom Heatherly

Assessing the use of multiple pigments and size fractions to strengthen satellite-derived estimates of cyanobacteria and cyanotoxins in Lake Massabesic, NH

10:35 AM - 10:55 AM

Location: Grand H, Whova

Speaker: Jessica Trout-Haney

Gaining Insights from the use of Phycoerythrin and Phycocyanin sensors in freshwater algal monitoring

10:55 AM - 11:15 AM

Location: Grand H, Whova

Speaker: Kyle Clonan

Cyanotoxin production in a Pacific northwest temperate lake during the summer of 2021

11:15 AM - 11:35 AM

Location: Grand H

Speaker: William Hobbs

STOICHIOMETRY OF NUTRIENT DISTURBANCES , HARMFUL ALGAL BLOOMS , AND CYANOTOXINS IN GREEN BAY

11:15 AM - 11:35 AM

Location: Grand H

Speaker: Anjana Adhikari

Depth Resolved Algal Bloom Mapping

11:55 AM - 12:00 PM

Location: Poster Reference 23

Speaker: Marissa Campobasso

Good Practices When Handling Fish Tissue to Avoid Data Reliability Issues: Results from Sample Wrapping and Holding Time Studies

11:55 AM - 12:00 PM

Location: Poster Reference Number 14

Speaker: Blaine Snyder

The Great Lakes Mussel Watch: An Assessment and Characterization of Per- and Polyfluoroalkyl Substances (PFASs) in the Great Lakes (2013 - 2018).

11:55 AM - 12:00 PM

Location: Poster Reference Number 13

Speaker: Michael Edwards

10:30 AM - 12:00 PM

F2 - Leveraging Earth Observations for Enhanced Water Quality Management

Location: Grand G, Whova

Session Moderator: Kelly Luis, Steve Greb

Synergy in Action: Multi-Sensor Fusion for HAB Monitoring

10:35 AM - 10:55 AM

Location: Grand G

Speaker: Michelle Gierach

Integrating In-Situ and Remote Sensing Techniques for Enhanced Turbidity Monitoring in Chesapeake Bay, VA

10:55 AM - 11:15 AM

Location: Grand G

Speaker: David Parrish

Enabling same-day access to global water-quality product maps via STREAM

11:15 AM - 11:35 AM

Location: Grand G

Speaker: William Wainwright

Using Satellite-Derived Water Quality Data from an Automated High-Performance Computing Environment for Spatial/Temporal Trend Analysis of 30,000+ Lakes in the Upper Midwest and Lower New England States

11:35 AM - 11:55 AM

Location: Grand G

Speaker: Leif Olmanson

We have liftoff: meeting applied-user needs in the post launch era of the PACE Applications Program

11:55 AM - 12:00 PM

Location: Poster Reference Number 15

Speaker: Morgaine McKibben

Leveraging remote sensing to manage coastal pollution and stressor impacts on human well-being

11:55 AM - 12:00 PM

Location: Poster Reference Number 16

Speaker: Christine Lee

Mass-specific optical properties of particulate matter and associated phosphorus dynamics in western Lake Erie

11:55 AM - 12:00 PM

Location: Poster Reference Number 17

Speaker: Anshula Dhiman

Sediment Dynamics and Lake Erie Water Quality Monitoring: A Satellite Perspective

11:55 AM - 12:00 PM

Location: Poster Reference Number 18

Speaker: Trevor Holm

10:30 AM - 12:00 PM

F3 - Community Monitoring and Environmental Change: Volunteer Scientists Share Experiences and Success Stories

Location: Grand F, Whova
Sessions Moderator: Rebecca Bond

From Stream to Strategy: Volunteer Monitoring's Impact on Watershed Health

10:35 AM - 10:55 AM
Location: Grand F
Speaker: Christa Reeves

Creating Avenues for Analysis: Volunteer Data Stories

10:55 AM - 11:15 AM
Location: Grand F, Whova
Speaker: Isabel Ruff

Two-Stepping Up: Enhancing Volunteer Water Quality Monitoring for E. coli and Enterococcus in the Lone Star State

11:15 AM - 11:35 AM
Location: Grand F
Speakers: Jenna Walker, Icen Yoosefdoost

Disseminating Community Science data

11:35 AM - 11:55 AM
Location: Grand F
Speaker: Craig Fleming

Power in Numbers: How Crowdsourced Chloride Data is Driving Road Salt Pollution Decision-Making

11:55 AM - 12:00 PM
Location: Whova
Speaker: Abby Hileman

Simple and Inexpensive Stratification Monitoring

11:55 AM - 12:00 PM
Location: Poster Reference Number 19
Speaker: Tony Thorpe

A Quarter Century of Volunteer Monitoring in the Yuba River Watershed

11:55 AM - 12:00 PM
Location: Poster Reference Number 20
Speaker: Kyle McNeil

10:30 AM - 12:00 PM

F4 - Breaking Down the Facts: Measuring, Monitoring, and Mitigating for Microplastics

Location: Grand A
Moderator: Jim Dorsch

Material Analysis of Microplastics and Plastic Waste Collected from Sand Near the Southern Lake Michigan Shoreline

10:35 AM - 10:55 AM
Location: Grand A
Speaker: Julie Peller

Characterization of Microplastics in Surface Water and Sediment in Two Urban Creeks and in Wet and Dry Atmospheric Deposition Samples from Milwaukee, Wisconsin

10:55 AM - 11:15 AM
Location: Grand A
Speaker: James Romano

Lessons Learned from Starting Microplastics Sampling and Analysis in a Water Quality Laboratory

11:15 AM - 11:35 AM
Location: Grand A
Speaker: Erica Forgione

On the limitations and challenges to the analysis of microplastic particles in complex environmental matrices

11:35 AM - 11:55 AM
Location: Grand A
Speaker: Otyllia Vercelletto

Microplastics and per- and polyfluoroalkyl substances (PFAS) in landfill-wastewater treatment systems: a field study

11:55 AM - 12:00 PM
Location: Poster Reference Number 21
Speaker: Andres Prada

Method Development for the Analysis of Roadway Associated Microplastics and its Application to Air Deposition

11:55 AM - 12:00 PM
Location: Poster Reference Number 22
Speaker: John Scott

10:30 AM - 12:00 PM

F5 - Surface Water Contamination and Potential Risks for Human and Aquatic Life, Continued

Location: Grand B, Whova
Speaker: Shawn Giblin

Evaluating Sewage Source Impacts on HF183 Risk - Based Thresholds for Recreational Water Quality

10:35 AM - 10:55 AM
Location: Grand B
Speaker: Raul Gonzalez

Quantifying Sanitary Sewer Exfiltration as a Source of Bacteria to Receiving Waters

10:55 AM - 11:15 AM
Location: Grand B
Speaker: Kenneth Schiff

Good Practices When Handling Fish Tissue to Avoid Data Reliability Issues: Results from Sample Wrapping and Holding Time Studies

11:55 AM - 12:00 PM
Location: Poster Reference Number 14
Speaker: Marcia Snyder

10:30 AM - 12:00 PM

F6 - Volunteer Monitoring Data Management & Visualization Best Practices

Location: Grand C, Whova
Sessions Moderator: Tamara Lipsey (she/her) MI EGLE

Improving Data Access with the Water Action Volunteer Program's Stream Data Dashboard

10:35 AM - 10:55 AM
Location: Grand C
Speaker: Katy Bradford

The Clean Water Hub - Visualizing and Optimizing Use of Volunteer-Collected Data

10:55 AM - 11:15 AM
Location: Grand C, Whova
Speaker: Heather Wilson

Participatory Science (PS) User Guide to the Water Quality Exchange (WQX)

11:15 AM - 11:35 AM
Location: Grand C
Speaker: Liz McQuain

Chesapeake Monitoring Cooperative's Data Explorer: Featuring a New Dashboard for Community Science Monitoring

11:55 AM - 12:00 PM
Location: Whova
Speaker: Cassia Pianca

Leveraging Volunteer Monitoring Data for Water Quality Reporting and Advocacy: The Milwaukee River Basin Report Card

11:55 AM - 12:00 PM
Location: Whova
Speaker: Katie Rademacher

Interstate Environmental Commission (IEC) Coordinated Volunteer Water Quality Monitoring Program in the New York-New Jersey Harbor Estuary

11:55 AM - 12:00 PM
Location: Whova
Speaker: Samantha Wilder

10:30 AM - 12:00 PM

F8 - Actionable Data with Shiny Dashboards

Location: Auditorium (East Conf Ct)
Speakers: Marcus Beck, Erik Leppo

11:45 AM - 1:30 PM

Fluid 5K Run/Walk

Location: Meet at registration desk

12:00 PM - 2:00 PM

Lunch Break

Location: Exhibition Hall

1:00 PM - 2:00 PM

Poster Session

Location: Exhibition Hall

Gulf of Mexico Alliance's, a Regional Ocean Partnership, data sharing experiences, best practices, and challenges

1:00 PM - 2:00 PM
Location: Poster Reference Number 1
Speaker: Katie Wallace

Estimating Chlorophyll in United States Lakes Using Sentinel-2

1:00 PM - 2:00 PM
Location: Poster Reference Number 2
Speaker: Dylan Friel

Going Against the Flow: Predicting Stream Flow for Watersheds with Spatial Feature Engineering and Machine Learning Pipelines

1:00 PM - 2:00 PM

Location: Poster Reference Number 3

Speaker: Philip Griffith

Assessment of Nonpoint Source Inputs and Impacts to Water Quality In a Catchment of the Waccamaw National Wildlife Refuge

1:00 PM - 2:00 PM

Location: Poster Reference Number 4

Speaker: Courtnie Caruso

Monitoring Frequency of Orthophosphate Through a Constructed Stormwater Wetland

1:00 PM - 2:00 PM

Location: Poster Reference Number 5

Speaker: Bridget Wadzuk

The fastest biofiltration system in the west! The evaluation and verification of a high-flow biofiltration system under the Washington State Department of Ecology's Technology Assessment Protocol – Ecology (TAPE).

1:00 PM - 2:00 PM

Location: Poster Reference Number 6

Speaker: Gretchen Tellessen

Using DNA-based methodology to improve efficiency for detecting and eliminating illicit discharge through stormwater in Wisconsin communities

1:00 PM - 2:00 PM

Location: Poster Reference Number 7

Speaker: Melissa Schussman

GEO AQUA WATCH

1:00 PM - 2:00 PM

Location: Whova

Speaker: Kwaku Forkuo Nyantakyi

Evaluating Environmental Justice Considerations in TMDL Prioritization

1:00 PM - 2:00 PM

Location: Poster Reference Number 9

Speaker: Mackenzie Moore

Rapid Bioassay Screening Methods to Evaluate Water Quality Improvements from Street Sweeping.

1:00 PM - 2:00 PM

Location: Whova

Speaker: Alvina Mehinto

USDA Forest Service's National BMP Program: Effectiveness Monitoring for In-Depth Analysis, Accountability, and Improvement

1:00 PM - 2:00 PM

Location: Poster Reference Number 11

Speaker: Jillian Allison

Microbial pollutant source-tracking for recreational waters using a curated long-read sequence library

1:00 PM - 2:00 PM

Location: Poster Reference Number 12

Speaker: Julia Zimmer

The Great Lakes Mussel Watch: An Assessment and Characterization of Per- and Polyfluoroalkyl Substances (PFASs) in the Great Lakes (2013 - 2018).

1:00 PM - 2:00 PM

Location: Poster Reference Number 13

Speaker: Michael Edwards

Good Practices When Handling Fish Tissue to Avoid Data Reliability Issues: Results from Sample Wrapping and Holding Time Studies

1:00 PM - 2:00 PM

Location: Poster Reference Number 14

Speaker: Blaine Snyder

We have liftoff: meeting applied-user needs in the post launch era of the PACE Applications Program

1:00 PM - 2:00 PM

Location: Poster Reference Number 15

Speaker: Morgaine McKibben

Leveraging remote sensing to manage coastal pollution and stressor impacts on human well-being

1:00 PM - 2:00 PM

Location: Poster Reference Number 16

Speakers: Christine Lee, Michelle Gierach

Mass-specific optical properties of particulate matter and associated phosphorus dynamics in western Lake Erie.

1:00 PM - 2:00 PM

Location: Poster Reference Number 17

Speaker: Anshula Dhiman

Sediment Dynamics and Lake Erie Water Quality Monitoring: A Satellite Perspective

1:00 PM - 2:00 PM

Location: Poster Reference Number 18

Speaker: Trevor Holm

Simple and Inexpensive Stratification Monitoring

1:00 PM - 2:00 PM

Location: Poster Reference Number 19

Speaker: Tony Thorpe

A Quarter Century of Volunteer Monitoring in the Yuba River Watershed

1:00 PM - 2:00 PM

Location: Poster Reference Number 20

Speaker: Kyle McNeil

Microplastics and per- and polyfluoroalkyl substances (PFAS) in landfill-wastewater treatment systems: a field study

1:00 PM - 2:00 PM

Location: Poster Reference Number 21

Speaker: Andres Prada

Method Development for the Analysis of Roadway Associated Microplastics and its Application to Air Deposition

1:00 PM - 2:00 PM

Location: Poster Reference Number 22

Speaker: John Scott

Depth Resolved Algal Bloom Mapping

1:00 PM - 2:00 PM

Location: Poster Reference Number 23, Whova

Speaker: Marissa Campobasso

Restoring Water Quality: Guam EPA's Impaired Waters Monitoring Program

1:00 PM - 2:00 PM

Location: Poster Reference Number 24

Speaker: Gabriella Prelosky

Continuous Instream Water Quality Monitoring in a Small Agricultural Watershed Above and Below Forested Buffers

1:00 PM - 2:00 PM

Location: Poster Reference Number 25

Speaker: Dawn Hintz

A Sediment Record of Watershed Pollution from Oil Refineries and Agriculture in Dickinson County, Texas

1:00 PM - 2:00 PM

Location: Poster Reference Number 26

Speaker: Victoria Chraibi

Algal Community Response to Pulse and Press Disturbances in Central Texas Ponds

1:00 PM - 2:00 PM

Location: Poster Reference Number 27

Speaker: Victoria Chraibi

Leveraging private well test program data for public education and groundwater quality characterization

1:00 PM - 2:00 PM

Location: Poster Reference Number 28

Speaker: Adam Sigler

The Next Frontier: Development of a Lake Fish Biogeographical Model in the Canadian Shield, Minnesota

1:00 PM - 2:00 PM

Location: Poster Reference Number 29

Speaker: Jessica Massure

Success Stories in Source Investigations Using Advanced Investigative Techniques and Cross-Departmental Coordination: The WQRT Way

1:00 PM - 2:00 PM

Location: Poster Reference Number 30

Speaker: Heather Krish

Online Tools to Understand Nitrogen, Phosphorus, and Sediment Pollution in Minnesota Rivers

1:00 PM - 2:00 PM

Location: Poster Reference Number 32, Whova

Speaker: James Jahnz

A University-Community Partnership Model to Improve Regional Water Quality and Citizen Engagement in Lake Michigan Watersheds

1:00 PM - 2:00 PM

Location: Poster Reference Number 33

Speaker: Rebecca Abler

Simplified Modeling Tools for Managers: Comparing York River Box Model Performance Across a Multi-model Assemblage

1:00 PM - 2:00 PM

Location: Poster Reference Number 34

Speaker: Emma Wilkinson

Chesapeake Bay Program Monitoring Data Management: Data Upload, Storage, and Access

1:00 PM - 2:00 PM

Location: Poster Reference Number 35

Speaker: Emily Young

Unlocking a Century of Hidden Data

1:00 PM - 2:00 PM

Location: Poster Reference Number 36

Speaker: Claire Buchanan

Long Term Trends in Water Quality in Major Streams of The Black Hills, SD

1:00 PM - 2:00 PM

Location: Poster Reference Number 37

Speaker: Jordan Fostvedt

Long-term data reveal widespread improvements in stream water quality in King County, Washington

1:00 PM - 2:00 PM

Location: Poster Reference Number 38

Speaker: Jeremy Walls

Modeling the distribution of diel cycling hypoxia in shallow embayments of Long Island Sound

1:00 PM - 2:00 PM

Location: Poster Reference Number 39

Speaker: Anna lisa Mudahy

Examining Microplastic Occurrence in Water, Soil, and Air at Suburban and Urban Green Stormwater Infrastructure Sites

1:00 PM - 2:00 PM

Location: Poster Reference Number 40

Speaker: Bridget Neumann

Monitoring and Analysis of Neonicotinoid Insecticides in Wisconsin Groundwater: Distribution, Trends, and Influential Factors

1:00 PM - 2:00 PM

Location: Poster Reference Number 41

Speaker: Ken Potrykus

Water Quality Snapshot for Southeast Minnesota

1:00 PM - 2:00 PM

Location: Poster Reference Number 42

Speaker: Anne Nelson

Exploring the Relationship Between Metals Release and Groundwater Level Fluctuations

1:00 PM - 2:00 PM

Location: Poster Reference Number 43

Speaker: Sean Babasin

Assessing Pharmaceuticals, PFAS, and Other Trace Organics in Minnesota's Groundwater

1:00 PM - 2:00 PM

Location: Poster Reference Number 44

Speaker: Sharon Kroening

An Open Source In-Situ Fluorometer for Monitoring Algal Pigments

1:00 PM - 2:00 PM

Location: Poster Reference Number 45

Speaker: Wilson Tarpey

Regime shifts in satellite-derived chlorophyll within the Laurentian Great Lakes

1:00 PM - 2:00 PM

Location: Whova

Speaker: Nikolay Nezlin

Interstate Environmental Commission (IEC) Coordinated Volunteer Water Quality Monitoring Program in the New York-New Jersey Harbor Estuary

1:00 PM - 2:00 PM

Location: Whova

Speaker: Samantha Wilder

Great Lakes Restoration Initiative Grants Documented Most Achievements, but the EPA Could Improve Management, Monitoring, and Reporting

1:00 PM - 2:00 PM

Location: Whova

Speaker: Danielle Tesch

Do Human Fecal Markers Predict Illness in Stormwater-Impacted Recreational Waters?

1:00 PM - 2:00 PM

Location: Whova

Speaker: Audrey Laiveling

Development of a Benthic Macroinvertebrate Indicator of Great Lakes Nearshore Coastal Condition using 30 years of Monitoring Data

1:00 PM - 2:00 PM

Location: Whova

Speaker: Courtney Larson

Seasonal Volunteer Monitoring of Stormwater Conductivity as an Inexpensive Method for Detecting Short Duration Events

1:00 PM - 2:00 PM

Location: Whova

Speaker: Tom Ligon

Utilizing R Shiny App and RESTful API for Proficient Monitoring Location ID Management of data associated with sampling of cyanobacteria blooms in Illinois.

1:00 PM - 2:00 PM

Location: Whova

Speaker: Srividya Mohan

Assessing Water Resources Management Issues In South Texas

1:00 PM - 2:00 PM

Location: Whova

Speaker: Edmund Merem

How to 3DHP: A Guide to Understanding and Using the New Framework

1:00 PM - 2:00 PM

Location: Whova

Speaker: Mitchell Bergeson

A Multi-Marker Assessment of Sewage Contamination in Streams using Human-Associated Indicator Bacteria, Human-Specific Viruses, and Pharmaceuticals

1:00 PM - 2:00 PM

Location: Whova

Speaker: Joel Stokdyk

Processing of Sentinel 2 remote sensing imagery for detecting HABs in coastal systems

1:00 PM - 2:00 PM

Location: Whova

Speaker: Tori Wolters

The Business Case for Investment in Community Based Water Monitoring - Toolkit

1:00 PM - 2:00 PM

Location: Whova

Speaker: Gabrielle Parent-Doliner

2:00 PM - 3:30 PM

G2 - Submersibles, Speedboats, and Satellites: Water Quality Monitoring Over a Range of Temporal and Spatial Scales Using Optical Measurements/6PPD Potpourri

Location: Grand G, Whova

Moderator: Jim Dorsch

In vitro toxicity screening and assessment of 6PPD - quinone's contribution to toxicity of San Francisco Bay Area stormwater runoff

2:05 PM - 2:25 PM

Location: Grand G

Speaker: Ezra Miller (ze/zir or they/them)

Autonomous Real-Time Cloud-Based Water Quality Monitoring System

2:25 PM - 2:45 PM

Location: Grand G

Speaker: Yachen Li

From Data to Decisions: Leveraging NASA's Water Resource Program for Water Quality Management

2:45 PM - 3:05 PM

Location: Grand G

Speaker: Kelly Luis

A Kayak-Based Environmental Conditions Longitudinal Inventory of the Dowagiac River, Michigan: From River Adventure to ArcGIS StoryMap

3:25 PM - 3:30 PM

Location: Whova

Speaker: Grant Poole

2:00 PM - 3:30 PM

G3 - Agricultural Stressors on Environmental Health

Location: Grand F

Moderator: Victoria Chraibi

Determining the Effect of Drone Application of Bio-Stimulants on Nutrient Management in the Agricultural Midwest

2:05 PM - 2:25 PM

Location: Grand F

Speaker: Martha Gerig

CAFO Mapping: Using SRAP's custom GIS mapping application for water monitoring and industrial livestock pollution advocacy

2:25 PM - 2:45 PM

Location: Grand F

Speaker: Cole Dickerson

Leveraging Partnerships for a Holistic Understanding of Water Quality in Milwaukee, WI

2:45 PM - 3:05 PM

Location: Grand F

Speaker: Mitch Olds

The Itsy Bitsy BIBI Went Up the Watershed: local bioassessments reveal differences at smaller scales

3:05 PM - 3:25 PM

Location: Grand F

Speaker: LeAnne Astin

Continuous Nitrate Monitoring in a Small Agricultural Watershed with Forested Buffers

3:25 PM - 3:30 PM

Location: Poster Reference Number 25

Speaker: Dawn Hintz

A Sediment Record of Watershed Pollution from Oil Refineries and Agriculture in Dickinson County, Texas

3:25 PM - 3:30 PM

Location: Poster Reference Number 26

Speaker: Victoria Chraibi

Importance of scale in explaining the water quality story

3:25 PM - 3:30 PM

Location: Whova

Speaker: Karl Blankenship

2:00 PM - 3:30 PM

G4 - Regulatory Use of Non-Agency Data

Location: Grand A

Session Moderator: Deborah Kratzer

Protecting New Jersey Streams with High Quality Community Science Data

2:05 PM - 2:25 PM

Location: Grand A

Speaker: Erin Stretz

Community-Based Trash Monitoring With California's NPDES Program

2:25 PM - 2:45 PM

Location: Grand A

Speaker: Natalie Sanchez

Friends of the Rouge Chloride Monitoring in the Rouge River, Michigan : Helping to Guide Management Action

2:45 PM - 3:05 PM

Location: Grand A, Whova

Speaker: Lauren Eaton

2:00 PM - 3:30 PM

G5 - Enhancing Data Literacy Utilizing Open Source Programming Language

Location: Grand B

Sessions Moderator: Jason Jones

Streamlining TMDLs: The Power of R Scripts and Load Duration Curves for Efficient Water Quality Management

2:05 PM - 2:25 PM

Location: Grand B

Speaker: Valeria Bocanegra

Reeling in Fish Data: An Interactive Approach at Virginia Department of Environmental Quality (DEQ)

2:25 PM - 2:45 PM

Location: Grand B

Speakers: Adam Bajo-Walker, Jason Hill

Using shiny and R to create utility-focused weather tools

2:45 PM - 3:05 PM

Location: Ballroom A3 & A4

Speaker: Ben Crary

Downscaling climate change indicators: Using global phenomena to inform regional decision-making

3:05 PM - 3:25 PM

Location: Grand B, Whova

Speaker: Marcus Beck

Using R to Automate Workflows for a Water Quality Monitoring Program in Pinellas County, FL

3:25 PM - 3:30 PM

Location: Whova

Speaker: Alexander Manos

Utilizing R Shiny App and RESTful API for Proficient Monitoring Location ID Management of data associated with sampling of cyanobacteria blooms in Illinois

3:25 PM - 3:30 PM

Location: Whova

Speaker: Srividya Mohan

2:00 PM - 3:30 PM

G6 - Strategic Approaches for Nonpoint Source BMP Effectiveness Monitoring, Continued

Location: Grand C

Moderator: Kansas Keeton

Go With the Flow: Testing the Effectiveness of Denver's Green Infrastructure

2:05 PM - 2:25 PM

Location: Grand C

Speaker: Brian Tietze

An Investigation of Gross Solids as a Significant Source of Phosphorus in Surface Waters

2:25 PM - 2:45 PM

Location: Grand C

Speaker: John Chapman

Status and Trends of Wetlands in Minnesota: Depressional Wetland Quality Assessment (2007-2023)

2:45 PM - 3:05 PM

Location: Grand C

Speaker: John Genet

Measuring Runoff Water Quality Improvement from Street Sweeping in Southern California

3:05 PM - 3:25 PM

Location: Grand C, Whova

Speakers: Kenneth Schiff, Elizabeth Fassman-Beck

2:00 PM - 3:30 PM

G7 - Increasing participation in water quality monitoring

Location: Ballroom A3 & A4, Whova
Panel Moderator: Tim Asplund ; Moderator: Sylvia Lee, Danielle Wain ; Speakers: Amy Ulland, Christa Reeves, Mara Dias, Anna Holder, David Abreu

3:30 PM - 4:00 PM

Beverage Break

Location: Exhibition Hall

4:00 PM - 5:30 PM

H1 - Targeting Protection: Monitoring and Assessment Approaches to Identify and Prioritize Protection of Healthy Watersheds & High-Quality Waters

Location: Grand H, Whova
Speaker: Aaron Marti

Education, Collaboration, and Networking among High Quality Water Lakes in Southeastern Wisconsin, USA.

4:05 PM - 4:25 PM
Location: Grand H, Whova
Speaker: Danielle Matuszak

EVALUATING BIOLOGICAL ASSEMBLAGES AT FOUR STREAM SITES WITH INCREASING TEMPERATURE TRENDS OVER THE LAST DECADE

4:25 PM - 4:45 PM
Location: Grand H, Whova
Speaker: Luanne Steffy

Great Lakes StreamCat: A Scalable Binational Database of Watershed Metrics for the Great Lakes Watershed

5:25 PM - 5:30 PM
Speaker: Tom Hollenhorst

The Next Frontier: Development of a Lake Fish Biogeographical Model in the Canadian Shield, Minnesota

5:25 PM - 5:30 PM
Location: Poster Reference Number 29
Speaker: Jessica Massure

Success Stories in Source Investigations Using Advanced Investigative Techniques and Cross-Departmental Coordination: The WQRT Way

5:25 PM - 5:30 PM
Location: Poster Reference 30
Speakers: Heather Krish, Darcy Ebentier McCargar

4:00 PM - 5:30 PM

H2 - Eutrophication Trends, HABs, WQ Availability, Microplastics Potpourri

Location: Grand G

Sessions Moderator: Paul Gledhill

An Account of Algae in Lake Washington, Seattle (a factual fable of freshwater phytoplankton)

4:05 PM - 4:25 PM

Location: Grand G

Speaker: Rachael Gravon

A Global Perspective for the Integration of Molecular Cyanobacterial Assays into Water Monitoring Programs

4:25 PM - 4:45 PM

Location: Grand G

Speaker: Mark Van Asten

Monitoring Microplastics in an Urban Watershed

4:45 PM - 5:05 PM

Location: Grand G

Speaker: Eoghan O'Neill

Ohio EPA's nutrient and organic enrichment monitoring methods overview

5:25 PM - 5:30 PM

Location: Whova

Speaker: Paul Gledhill

Assessing change in lake eutrophication 50 years after the National Eutrophication Survey

5:25 PM - 5:30 PM

Location: Whova

Speaker: Donald Benkendorf

Using Predicted Nutrient and Chlorophyll-a Concentrations in Surface Waters to Characterize Harmful Algal Bloom Impacts on US Drinking Water Quality

5:25 PM - 5:30 PM

Location: Whova

Speaker: Meredith Brehob

Effect of engineered media properties on Cu and PFAS treatment in biofiltration columns

5:25 PM - 5:30 PM

Location: Whova

Speaker: Danhui Xin

Optimizing Bioretention Systems for Microplastics Removal: Insights from Vertical Distribution Analysis

5:25 PM - 5:30 PM

Location: Whova

Speaker: Mithu Chanda

Algal Community Response to Pulse and Press Disturbances in Central Texas Ponds

5:25 PM - 5:30 PM

Location: Poster Reference Number 27

Speaker: Victoria Chraibi

Examining Microplastic Occurrence in Water, Soil, and Air at Suburban and Urban Green Stormwater Infrastructure Sites

5:25 PM - 5:30 PM

Location: Poster Reference 40

Speaker: Bridget Neumann

Regime shifts in satellite-derived chlorophyll within the Laurentian Great Lakes

5:25 PM - 5:30 PM

Location: Whova

Speaker: Nikolay Nezlin

4:00 PM - 5:30 PM

H3 - Assessing Water Quality Trends and Advancing Nutrient Reduction Efforts in the Mississippi/Atchafalaya River Basin

Location: Grand F
Moderator: Lauren Salvato

Successes and opportunities to reduce nutrient loading in the Upper Mississippi River Basin

4:05 PM - 4:25 PM
Location: Grand F, Whova
Speaker: Lauren Salvato

Updating Pollutant Trends for Streams in the Twin Cities Metro Area

4:25 PM - 4:45 PM
Location: Grand F, Whova
Speaker: Hong Wang

Changes in Terrestrial N and P Inputs to and Riverine Outputs from Watersheds in the Mississippi Atchafalaya River Basin 2000-2022

4:45 PM - 5:05 PM
Location: Grand F
Speaker: Gregory Mcisaac

Water quality at the end of the Mississippi River for 120 years: the agricultural imperative

5:05 PM - 5:25 PM
Location: Grand F
Speaker: R. Eugene Turner

Lake Pontchartrain Basin: Assessment of Restoration Efforts

5:25 PM - 5:30 PM
Location: Whova
Speaker: Mary Koenen

2000-2020 Nutrient Trends in the Mississippi and Atchafalaya River Basin, Exploring Nutrient Transport Components

5:25 PM - 5:30 PM
Location: Whova
Speaker: Alejandra Botero-Acosta

Online Tools to Understand Nitrogen, Phosphorus, and Sediment Pollution in Minnesota Rivers

5:25 PM - 5:30 PM
Location: Poster Reference 32
Speaker: James Jahnz

4:00 PM - 5:30 PM

H4 - Water Quality Studies on the Green Bay Estuary of Lake Michigan

Location: Grand A, Whova
Sessions Moderator: Madeline Magee

Lower Green Bay and Fox River Water Quality

4:05 PM - 4:25 PM
Location: Grand B
Speaker: Sarah Bartlett

A LoRaWAN sensor network for environmental monitoring in Green Bay, Lake Michigan

4:25 PM - 4:45 PM
Location: Grand B
Speaker: Michael Zorn

Bloom today, Dead Zone tomorrow? The evolution of hypoxia in a hypereutrophic coastal embayment

4:45 PM - 5:05 PM
Location: Grand B
Speaker: Val Klump

Measured recovery to PCB exposure in fish and wildlife in the Lower Fox River and Green Bay

5:25 PM - 5:30 PM
Location: Whova
Speaker: Rae-Ann Eifert

4:00 PM - 5:30 PM

H5 - Pesticide Presence in Groundwater and Surface Water: Presence, Trends, and Correlations

Location: Grand B, Whova

Session Moderator: Carla Romano ; Sessions Moderator: Ken Potrykus

Targeted analysis of trace neonicotinoids in drinking water supplies using field-deployable optical sensors

4:05 PM - 4:25 PM

Location: Grand B

Speaker: Haoran Wei

Monitoring and Analysis of Neonicotinoid Insecticides in Wisconsin Groundwater: Distribution, Trends, and Influential Factors

4:25 PM - 4:45 PM

Location: Grand B

Speaker: Ken Potrykus

Pesticide Monitoring in Washington State

5:25 PM - 5:30 PM

Location: Whova

Speaker: Abigail Nickelson

4:00 PM - 5:30 PM

H6 - Putting Monitoring Data to Work: Using Data Interpretation for Management Actions

Location: Grand C

Sessions Moderator: Alexandra Fries

Making the Grade: Using a Report Card to Disseminate Water Quality Information

4:05 PM - 4:25 PM

Location: Grand C

Speaker: Amanda DeLeo

From Data to Impact: How Citizen Science Transformed Water Quality and Public Health in Lucketts, VA

4:25 PM - 4:45 PM

Location: Grand C

Speaker: Amy Ulland

Click, Select, Upload...Three Simple Steps to Supercharge the Water Quality Portal

4:45 PM - 5:05 PM

Location: Grand C, Whova

Speaker: Jason Jones

Making a splash: Communicating improvements in Chesapeake Bay water quality

5:05 PM - 5:25 PM

Location: Grand C

Speaker: Katie May Laumann

An Evaluation of Multi-decade Groundwater Data from Atrazine Prohibition Areas in Wisconsin

5:25 PM - 5:30 PM

Location: Whova

Speaker: Sam Brockschmidt

Understanding Flashiness in Michigan Rivers and Streams

5:25 PM - 5:30 PM

Location: Whova

Speaker: Dale White

A University-Community Partnership Model to Improve Regional Water Quality and Citizen Engagement in Lake Michigan Watersheds

5:25 PM - 5:30 PM

Location: Poster Reference 33

Speaker: Rebecca Abler

4:00 PM - 5:30 PM

H7 - Strength in numbers: integrating efforts to use biological assessments, stressor-response, and other data to improve aquatic assessments

Location: Ballroom A3 & A4, Whova

Facilitator: Erik Leppo, Benjamin Jessup ; Speakers: Kate Schofield, Susan Jackson, Chad Larson, Jen Stamp

4:00 PM - 5:30 PM

H8 - Introduction to building data pipelines in R using the `targets` package

Location: Auditorium (East Conf Ct)

Moderator: Lindsay Platt

5:45 PM - 6:45 PM

Pre-Dinner Meetups including, Volunteer & Community Monitoring, Selected EPA regions etc

5:45 PM - 6:45 PM

Pre-Dinner staging area for small groups

Thursday, March 13, 2025

7:00 AM - 8:30 AM

Breakfast in Exhibition

Location: Exhibition Hall

7:00 AM - 3:00 PM

Registration

Location: KI Center Lower South Registration Counter

7:00 AM - 11:59 PM

Mindfulness Meditation Moment (at your leisure)

Location: Whova

Speaker: Kristen Parry

8:30 AM - 10:00 AM

I1 - Improvements to and Applications of Coastal Monitoring Data and Approaches

Location: Grand H, Whova

Moderator: Monty Porter

Working in Partnership to Improve the Understanding of Water Quality Along Lake Superior's Wisconsin Coastline

8:35 AM - 8:55 AM

Location: Grand H

Speaker: Sam Blackburn

Applicability of Remotely-sensed Data for Monitoring Escherichia coli in Southern California Coastal Waters

8:55 AM - 9:15 AM

Location: Grand H

Speaker: Yuwei Kong

Monitoring for management: A modular, ecosystem function - based assessment framework to assess estuarine condition

9:15 AM - 9:35 AM

Location: Grand H

Speaker: Eric Stein

Improvements to Continuous Long Term Water Quality Monitoring In Estuaries

9:35 AM - 9:55 AM

Location: Grand H

Speaker: Brian Wlodawski

Exploring factors impacting long-term temperature trends in U.S. estuarine and coastal waters

9:55 AM - 10:00 AM

Location: Whova

Speaker: Marguerite Pelletier

Simplified Modeling Tools for Managers: Comparing York River Box Model Performance Across a Multi-model Assemblage

9:55 AM - 10:00 AM

Location: Poster Reference Number 34

Speaker: Emma Wilkinson

Chesapeake Bay Program Monitoring Data Management: Improvements to the Chesapeake Environmental Data Repository, Data Upload and Evaluation Tool, and the DataHub

9:55 AM - 10:00 AM

Location: Poster Reference Number 35

Speaker: Emily Young

Do Human Fecal Markers Predict Illness in Stormwater-Impacted Recreational Waters?

9:55 AM - 10:00 AM

Location: Whova

Speaker: Audrey Laiveling

Development of a Benthic Macroinvertebrate Indicator of Great Lakes Nearshore Coastal Condition using 30 years of Monitoring Data

9:55 AM - 10:00 AM

Location: Whova

Speaker: Courtney Larson

8:30 AM - 10:00 AM

I2 - Building Credibility in Community-based Monitoring Programs

Location: Grand G, Whova

Sessions Moderator: Liz Chudoba

EVALUATING THE EFFICACY OF A COMMUNITY-SCIENCE-BASED MACROINVERTEBRATE BIOTIC INDEX FOR WADABLE STREAMS

8:35 AM - 8:55 AM

Location: Grand G

Speaker: Farron Bussian

Lessons Learned from Decades of Monitoring Rhode Island's Waters

8:55 AM - 9:15 AM

Location: Grand G

Speaker: Elizabeth Herron

Assisting Volunteer Monitoring Programs Collect Credible Data

9:15 AM - 9:35 AM

Location: Grand G, Whova

Speaker: Abbie Ebert

Seasonal Volunteer Monitoring of Stormwater Conductivity as an Inexpensive Method for Detecting Short Duration Events

9:55 AM - 10:00 AM

Location: Whova

Speaker: Tom Ligon

The Business Case for Investment in Community Based Water Monitoring - Toolkit

9:55 AM - 10:00 AM

Location: Whova

Speaker: Gabrielle Parent-Doliner

8:30 AM - 10:00 AM

I3 - Evaluations of Watershed Management in the Green Bay Basin

Location: Grand F, Whova

Sessions Moderator: Kevin Fermanich

Lower Fox River Basin Volunteer Monitoring Program

8:35 AM - 8:55 AM

Location: Grand F, Whova

Speaker: Katherine Rynish

Watershed Adaptive Management: Water quality and innovative conservation at a watershed scale

8:55 AM - 9:15 AM

Location: Grand F

Speaker: Erin Houghton

Watershed monitoring in support of full scale Adaptive Management to reduce pollutants entering the Fox River and bay of Green Bay

9:15 AM - 9:35 AM

Location: Grand F

Speaker: Ben Young

Changes in Phosphorus and Suspended Solids Loading in the Fox River, Northeastern Wisconsin, 1989–2022

9:35 AM - 9:55 AM

Location: Grand F

Speaker: Kevin Fermanich

Edge of Field Treatment of Agricultural Runoff through Constructed Wetlands

9:55 AM - 10:00 AM

Location: Whova

Speaker: Michael Holly

8:30 AM - 10:00 AM

I4 - Use of Large-Scale Data (e.g., State, Regional, National) to Measure Change and Trends in Aquatic Ecosystems

Location: Grand A, Whova

Moderator: Marzi Azarderakhsh

Water Quality Status and Trends in Texas Estuaries

8:35 AM - 8:55 AM

Location: Grand A

Speaker: Nicole Powers

GIS assessments of reach and watershed integrity: sensitivity of inferences to differences in data sources, scoring, and aggregation

8:55 AM - 9:15 AM

Location: Grand A

Speaker: Jennifer Courtwright

Long Term Trends in Water Quality in Major Streams of The Black Hills, SD

9:55 AM - 10:00 AM

Location: Poster Reference Number 37

Long-term data reveal widespread improvements in stream water quality in King County, Washington

9:55 AM - 10:00 AM

Location: Poster Reference Number 38

Speaker: Jeremy Walls

STATUS AND TRENDS OF WETLANDS IN MINNESOTA: MINNESOTA WETLAND CONDITION ASSESSMENT (2011-2021)

9:55 AM - 10:00 AM

Location: Whova
Speaker: Michael Bourdaghs

Temperature drives benthic macroinvertebrate assemblages in lotic & lentic ecosystems, but responses vary

9:55 AM - 10:00 AM

Location: Whova
Speaker: Lara Jansen

27 years of United States biomonitoring data illuminates national temporal trends of fish and macroinvertebrate stream communities

9:55 AM - 10:00 AM

Location: Whova
Speaker: Michael Mahon

Modeling the distribution of diel cycling hypoxia in shallow embayments of Long Island Sound

9:55 AM - 10:00 AM

Location: Poster Reference Number 39
Speaker: Anna lisa Mudahy

Unlocking a Century of Hidden Data

9:55 AM - 10:00 AM

Location: Poster Reference Number 36
Speaker: Claire Buchanan

Instream substrate trends and evaluation of change detection in the Northwest Forest Plan area from 2002 to 2023

9:55 AM - 10:00 AM

Location: Whova
Speaker: Marcia Snyder

Predicting the Distribution of Cyanobacteria and Microcystin in Lakes of the Conterminous United States from Lake , Watershed, and Climate Characteristics

9:55 AM - 10:00 AM

Location: Whova
Speaker: Amalia Handler

Water quality patterns for conterminous USA wetlands elucidated by EPA 's National Wetland Condition Assessment

9:55 AM - 10:00 AM

Location: Whova
Speaker: Anett Trebitz

Anthropogenic metal storage in U.S. wetlands: Insights from a comprehensive national survey

9:55 AM - 10:00 AM

Location: Whova
Speaker: Michael Dumelle

Results from the 2021 National Wetland Condition Assessment

9:55 AM - 10:00 AM

Location: Whova
Speaker: Gregg Serenbetz

Testing Predictions of Stream Condition Index from a Spatial Stream Network Model Using Spatially Balanced Probabilistic Survey Data

9:55 AM - 10:00 AM

Location: Whova
Speaker: Michael McManus

Understanding Widespread Eutrophication and Oxygen Declines in U.S. Estuaries: Key Drivers and Implications

9:55 AM - 10:00 AM

Location: Whova
Speaker: Kaitlin Reinl

Regional Rapid Streamflow Duration Assessment Methods

9:55 AM - 10:00 AM

Location: Whova
Speaker: Brian Topping

8:30 AM - 10:00 AM

I6 - Internet of Water

Location: Grand C, Whova
Moderator: Emma Jones

API's Do Exist- A Layman's Application of APIs To Water Quality Monitoring

8:35 AM - 8:55 AM
Location: Grand C
Speaker: Ben Hammond

Coding strategies for building robust and reproducible water data analyses

8:55 AM - 9:15 AM
Location: Grand C, Whova
Speaker: Lindsay Platt

Open Water Data Reflections in CA

9:55 AM - 10:00 AM
Location: Whova
Speaker: Greg Gearheart

PowerBI & The Environment: Enhancing Data Accessibility Using Modern Visualization Tools

9:55 AM - 10:00 AM
Location: Whova
Speaker: Taylor Spooner

A CONUS-scale Synthetic River Bathymetry Generation Workflow

9:55 AM - 10:00 AM
Location: Whova
Speaker: Taher Chegini

Towards an EPA Reference Hydrography to Support Water Quality Data Integration

9:55 AM - 10:00 AM
Speaker: Jesse Boorman-Padgett

How's My Waterway

9:55 AM - 10:00 AM
Location: Whova
Speaker: Jesse Boorman-Padgett

8:30 AM - 10:00 AM

I7 - Electronic Data Capture

Location: Ballroom A3 & A4, Whova
Speakers: Tori MacLeod, Karen Blocksom, Ansel Aarrestad, Angie Reed, Brian Hasty

8:30 AM - 10:00 AM

I8 - Identification of Aquatic Plants of the Great Lakes Region

Location: Auditorium (East Conf Ct)
Speaker: Paul Skawinski

10:00 AM - 10:30 AM

Beverage Break

Location: Exhibition Hall

10:30 AM - 12:00 PM

J1 - Risks Neonicotinoid Insecticides Pose to Aquatic Environments

Location: Grand H, Whova
Sessions Moderator: Jason Hill

Dramatically increasing neonicotinoid toxicity of streams across the United States.

10:35 AM - 10:55 AM
Location: Grand H
Speaker: Tom Heatherly

Statewide assessment of pesticide concentrations in Wisconsin streams and rivers

10:55 AM - 11:15 AM
Location: Grand H
Speaker: Michael Miller

Monitoring Florida's Freshwaters for Neonicotinoid Insecticides

11:15 AM - 11:35 AM
Location: Grand H, Whova
Speaker: Jay Silvanima

Seeds of Change: New State Policy Approaches to Addressing Unnecessary Neonicotinoid Use

11:35 AM - 11:55 AM
Location: Grand H
Speaker: Daniel Raichel

Applications of Natural History Collections to Support Freshwater Community Science and Outreach Programs

11:55 AM - 12:00 PM
Location: Whova
Speaker: Skylar Johnston

Monitoring and Analysis of Neonicotinoid Insecticides in Wisconsin Groundwater: Distribution, Trends, and Influential Factors

11:55 AM - 12:00 PM
Location: Poster Reference Number 41
Speaker: Ken Potrykus

10:30 AM - 12:00 PM

J2 - Building Credibility in Community-based Monitoring Programs, Continued

Location: Grand G, Whova

Sessions Moderator: Liz Chudoba

A Recipe for Success: A Pinch of Time, a Dash of Tools, and a Healthy Dose of Teamwork to Expand an Agency Wide Community Science and Education Program

10:35 AM - 10:55 AM

Location: Grand G

Speaker: Meghan Smart

Study Design: A tool for creating strong monitoring programs.

10:55 AM - 11:15 AM

Location: Grand G, Whova

Speaker: Lindsay VanFossen

Exploring Data Quality in a 30-Year Community Science Dataset

11:15 AM - 11:35 AM

Location: Grand G

Speaker: Danelle Haake

10:30 AM - 12:00 PM

J3 - Monitoring on the Mississippi: Using Long-Term Changes to Better Understand and Manage the Upper Mississippi River System

Location: Grand F

Sessions Moderator: Madeline Magee

Long term monitoring of pool 8 of the Upper Mississippi River: lessons learned from decades of change

10:35 AM - 10:55 AM

Location: Grand F

Speaker: Patrick Kelly

Mississippi River 1926 - 2026 Twin Cities Metropolitan Area in Minnesota

10:55 AM - 11:15 AM

Location: Grand F, Whova

Speaker: Casandra Champion

10:30 AM - 12:00 PM

J5 - Current Topics in Groundwater Quality

Location: Grand B, Whova

Sessions Moderator: Susan Swanson

New approach to assess cumulative human health risk from private wells, using public groundwater data

10:35 AM - 10:55 AM

Location: Grand B, Whova

Speaker: Adam Sigler

Prevalence and Source Tracing of PFAS in Shallow Groundwater Used for Drinking Water in Wisconsin, USA

10:55 AM - 11:15 AM

Location: Grand B

Speaker: Bill Phelps

Geogenic and Anthropogenic Chemicals in Private Drinking Water Wells in Dakota County, Minnesota, US.

11:15 AM - 11:35 AM

Location: Grand B, Whova

Speaker: Vanessa Demuth

Water Quality Snapshot for Southeast Minnesota

11:55 AM - 12:00 PM

Location: Poster Reference Number 42

Speaker: Anne Nelson

10:30 AM - 12:00 PM

J6 - Shifting Baselines: Monitoring and Modeling Drivers of Change to Better Predict Water Quality Outcomes

Location: Grand C
Moderator: Monty Porter

Improving the performance of Wyoming's multimetrix index using random forests with development of an interactive web application

10:35 AM - 10:55 AM
Location: Grand C
Speaker: Eric Hargett

Great Plains Fish Sample Evaluations by Expert Consensus in the Context of Known Historical Conditions and Current Landscape Disturbances

10:55 AM - 11:15 AM
Location: Grand C
Speaker: Benjamin Jessup

COMBINED USE OF GEOPHYSICAL, HYDROLOGICAL AND GEOLOGICAL SURVEYS TO INFER GROUNDWATER CONTRIBUTION TO EXTREME FLOWS IN THE NIGER RIVER

11:55 AM - 12:00 PM
Location: Whova
Speaker: Oumou Kaltoum Hama Garba

Bacterial Source Tracking & Open-source Watershed Modeling Tools for Evaluating Green Infrastructure

11:55 AM - 12:00 PM
Location: Whova
Speaker: Kirsten Vernin

Connecting nutrient sources to water quality condition in US rivers and streams

11:55 AM - 12:00 PM
Location: Whova
Speaker: Jana Compton

An Open Source In-Situ Fluorometer for Monitoring Algal Pigments

11:55 AM - 12:00 PM
Location: Poster Reference Number 45
Speaker: Wilson Tarpey

10:30 AM - 12:00 PM

J7 - Environmental DNA and its Role in Aquatic Monitoring

Location: Ballroom A3 & A4, Whova
Sessions Moderator: Alison Watts ; Speaker: Eric Stein

12:00 PM - 2:00 PM

Plenary/Awards Luncheon

Location: Grand D & E, Whova
Moderator: Madeline Magee ; Speakers: Erin Houghton, Val Klump, Briana Kupsky

2:00 PM - 3:30 PM

K2 - As Above, So Below: Integrating Trend Methods for Surface and Subsurface Inland Waters

Location: Grand G, Whova
Speaker: Jeremy ZumBerge

Assessing effectiveness of improvements targeting Lake Erie's phosphorus loading

2:05 PM - 2:25 PM
Location: Grand G
Speaker: Colleen Cosgrove

Phosphorus Transport in Streambank Sediments of the Wisconsin River: Impacts of River Stage and Redox Processes

2:25 PM - 2:45 PM
Location: Grand G
Speaker: Erin Berns-Herrboldt

Is Compensatory Mitigation Working? Evaluating Mitigation Performance through Intensification of the National Aquatic Resource Surveys (NARS)

3:25 PM - 3:30 PM
Location: Whova
Speaker: Brian Topping

USGS Next Generation Monitoring of Groundwater/Surface-Water Interactions and Nutrients along the Kankakee River

3:25 PM - 3:30 PM
Location: Whova
Speaker: Matthew Hardebeck

2:00 PM - 3:30 PM

K3 - Development and Land Use Changes: The Loss of Riparian and Native Habits and the Effects on Water Quality

Location: Grand F, Whova
Sessions Moderator: Veronica Tangiri

The Importance of Riparian Ecosystem Health and its Impact on Water Quality: Prince William County, Virginia, U.S.A.

2:05 PM - 2:25 PM
Location: Grand F
Speaker: Veronica Tangiri

Wisconsin's Score My Shore: An Online Tool for Self-Reported Shoreland Habitat Data

2:25 PM - 2:45 PM
Location: Grand F
Speaker: Eric Olson

Long Term Hysteresis Patterns in Sediment and Nutrient Concentrations in the Maumee River

2:45 PM - 3:05 PM
Location: Grand F
Speaker: Nathan Manning

Nutrient source tracking in a semi-arid watershed

3:25 PM - 3:30 PM
Location: Whova
Speaker: Brian Hastings

2:00 PM - 3:30 PM

K4 - Protecting Water Quality of Blackwater Rivers and Streams

Location: Grand A, Whova
Sessions Moderator: David Chestnut

Understanding the drivers of naturally occurring low dissolved oxygen in Oklahoma Streams

2:05 PM - 2:25 PM
Location: Grand A
Speaker: Joseph Dyer

Can Dissolved Organic Carbon and its Optical Properties be used as Quantitative Measures in the Definition of "Blackwater"?

2:25 PM - 2:45 PM
Location: Grand A
Speaker: Erik Smith

Seasonality of water chemistry in blackwater streams in South Carolina

2:45 PM - 3:05 PM
Location: Grand A
Speaker: David Chestnut

In-situ measurement of dissolved organic carbon and total organic carbon in blackwater and other surface waters of West Virginia and South Carolina

3:05 PM - 3:25 PM
Location: Grand A
Speaker: Justin Lewandowski

Seasonality of water chemistry in blackwater streams in South Carolina

3:25 PM - 3:30 PM
Location: Whova
Speaker: Karen Blocksom

2:00 PM - 3:30 PM

K5 - Observing and Monitoring Coral Reefs & Water Quality

Location: Grand B, Whova
Moderator: Kansas Keeton

Assessment and Prioritization of Aquatic Contaminants of Concern on Florida's Coral Reef

2:05 PM - 2:25 PM
Location: Grand B
Speaker: Ellen Skelton

Water quality monitoring for coral reef restoration in Guam: challenges and available data

2:25 PM - 2:45 PM
Location: Grand B
Speaker: Ashton Williams

From Guam to USVI: Coral Reef Monitoring and Data Synthesis for Effective Communication

2:45 PM - 3:05 PM
Location: Grand B
Speaker: Alexandra Fries

Patterns of water clarity in Guánica, Puerto Rico: 15 years after the development of a watershed management plan

3:25 PM - 3:30 PM
Location: Whova
Speaker: Alba Guzmán-Morales

Human Dietary Tracers to Identify Sources of Excess Nutrients in Coral Reef Ecosystems

3:25 PM - 3:30 PM
Location: Whova
Speaker: David Whittall

Statewide Planning to Improve Water Quality for Nearshore Reefs and Fisheries

3:25 PM - 3:30 PM
Location: Whova
Speaker: Ellie Jones

2:00 PM - 3:30 PM

K6 - Current Topics in Groundwater Quality, Continued

Location: Grand C, Whova
Speaker: Susan Swanson

Identifying controls on increasing radium concentrations in southeastern Wisconsin public supply wells

2:05 PM - 2:25 PM
Location: Grand C
Speaker: Amy Wiersma

Geogenic Strontium Contamination Resulting from a Complex History of Water-Rock Interaction in Eastern Wisconsin

2:25 PM - 2:45 PM
Location: Grand C
Speaker: John Luczaj

Exploring the Relationship Between Metals Release and Groundwater Level Fluctuations

3:05 PM - 3:25 PM
Location: Poster Reference Number 43
Speaker: Sean Babasin

Assessing Pharmaceuticals, PFAS, and Other Trace Organics in Minnesota's Groundwater

3:05 PM - 3:25 PM
Location: Poster Reference Number 44
Speaker: Sharon Kroening

Assessing water Resources Management Issues In South Texas

3:05 PM - 3:25 PM
Location: Whova
Speaker: Edmund Merem

2:00 PM - 3:30 PM

K7 - Volunteer Monitoring Programs in the Great Lakes Region

Location: Ballroom A3 & A4
Speakers: Erick Elgin, Katy Bradford, Megan Gokey, Tamara Lipsey (she/her) MI EGLE, Sarah Powers ; Sessions
Moderator: Paul Skawinski

2:00 PM - 3:30 PM

K8 - Algae and Cyanobacteria – Identification and Monitoring 101

Location: Auditorium (East Conf Ct)
Sessions Moderator: Gina LaLiberte

Friday, March 14, 2025